Title: COMPOSITIONS AND METHODS FOR THE THERAPY, DIAGNOSIS AND MONITORING OF BREAST CANCER
Inventor(s): Gary R. Fanger et al.   Serial No. 09/757,417   Docket No. 210121.479C1

#7

Designation	Species	Epitope	Western Blot	IHC	FACS	Epitope sequence
29C11	rabbit	Pro2	Yes	yes**	n.d.	IDELKECFLNQTDETLSNVE
31A5	rabbit	Pro3	Yes	yes**	yes	ELLQEFIDDNATTNAIDELK
6A1	rabbit	Pro2-3	Yes	n.d.	no	TTNAIDELKECFLNQ
14A12	rabbit	Pro3	Yes	n.d.	yes	ELLQEFIDDNATTNAIDELK
6B12	rabbit	Pro3	Yes	n.d.	yes	ELLQEFIDDNATTNAIDELK
2D3	rabbit	Pro5	Yes	n.d.	yes	SQHCYAGSGCPLLENVISKTI
16D8	rabbit	Pro3	Yes	n.d.	yes	ELLQEFIDDNATTNAIDELK
31-1H7	mouse	n.d.	Yes	n.d.	yes	
197-1H11	mouse	Pro5	Yes	n.d.	no	SQHCYAGSGCPLLENVISKTI
32-1G11	mouse	n.d.	Yes	n.d.	yes	
304-1A5	mouse	n.d.	Yes	n.d.	yes	
98-1F4	mouse	n.d.	Yes	n.d.	no	

Fig. 1A

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CACCATGGAGACAGGCCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTCA
GTCGCTGGAGGAGTCCGGCGGTCGCCTGGTAACGCCTGGAGGATCCCTGACACTCACCTGCAC
AGTCTCTGGAATCGACCTCAGTAGCTATGGAGTGGGCTGGGTCCGCCAGGCTCCAGGGAAGG
GGCTGGAATACATCGGAATCATTAGTAAAATTGATAACACATACTACGCGAACTGGGCGAAA
GGCCGATTCACCATCTCCAAAACCTCGTCGACCACGGTGGATCTGAAAATGACCAGTCTGACA
ACCGAGGACACGGCCACCTATTTCTGTACCAGAGGGTCTTTTGATCCCTGGGGCCCAGGCACC
CTGGTCACCGTCTCCTCAGGGCAACCTAA

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CACCATGGAGACAGGCCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTCA
GTCGGTGGAGGAGTCCGGGGGGTCGCCTGGTCACGCCTGGGACACCCCTGACACTCACCTGCAC
AGTCTCTGGATTCTCCCTCAGCAGCTACGACATGACCTGGGTCCGCCAGGCTCCAGGGAAGGG
GCTGGAATGGATCGGAACCATTAGTACTATTGGTAGCCCATTTTACGCGAGCTGGGCGAGAGG
CCGATTCACCATCTCCAAAACCTCGACCACGGTGGATCTGAAAATCACCAATCCGACAACCGA
GGACACGGCCACGTATTTTTGCGGCAGATTTCGGATTGCTGGTGA TGGTGCCTTCTGGGGCCC
AGGCACGCTGGTCACCGTCTCCTCAGGGCAACCTAA

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CACCATGGAGACAGGCCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTCA
GTCGGTGGAGGAGTCCGGGGGGTCGCCTGGTCACGCCTAGGACACCCCTGACACTCACCTGCAC
AGTCTCTGGATTCTCCCTCAGCAGCTACGACATGACCTGGGTCCGCCAGGCTCCAGGGAAGGG
GCTGGAATGGATCGGAACCATTAGTACTATTGGTAGCCCATTTTACGCGACCTGGGCGAGAGG
CCGATTCACCATCTCCAAAACCTCGACCACGGTGGATCTGAAAATCACCAATCCGACAACCGA
GGACACGGCCACGTATTTTTGCGGCAGATTTCGGATTGCTGGTGATGGTGCCTTCTGGGGCCC
AGGCACGCTGGTCACCGTCTCCTCAGGGCAACCTAA

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CACCATGGAGACAGGCCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCGGTGTCA
GTCGGTGGAGGAGTCCGGGGGGTCGCCTGGTCACGCCTGGGACACCCCTGAGATTCACCTGCAC
AGTCTCTGGAATCGACCTCAGCACCTACGACATGACCTGGGTCCGCCAGGCTCCAGGGAAGG
GACTGGAATGGATCGGAACCATTAGTACTCTTGGTACCCCTTTTTCCGCCAATTGGGCGAGAG
GCCGATTCACCATCTCCAAGACCTCGACCACGGTGGATCTGAAAATCGCCAGTCCGACGACCG
AAGACACTGCCACATATTTTTGTGGCAGATTGCGGATTGCTCATGATGGTGCCTTCTGGGGCC
CAGGCACGCTGGTCACCGTCTCCTCAGGGCAACCTAA

Fig. 1B

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CCCATGGAGACAGGCCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTCAG
GAGCAGCTGAAGGAGTCCGGAGGAGGCCTGGTCACGCCTGGGACACCCCTGACACTCACCTG
CACAGTGTCTGGAATCGACCTCAATATCGATGCAATGAGCTGGGTCCGCCAGGCTCCAGGGA
AGGGGCTGGAATGGATCGGAATTATTGGTACTCGTGGTGGCACATGGTTCGCGAGCTGGGCG
AAAGGCCGATTCACCATCTCCAAAACCCCGACCACAGTGGATCTGAAAATCCCCAGTCCGAC
AACCGAGGACACGGCCACCTATTTCTGTGCCAGTATCTATTCTGATAGTGGTACTTATACGAC
CTTGTGGGGCCCAGGCACCCCGGTCACCGTCTCCTCAGGGCAACCTAA

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CACCATGGAGACAGGCCTGCGCTGGCTTCTCCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTCA
GTCGGTGGAGGAGTCCGGGGGGTCGCCTGGTCACGCCTGGGACACCCCTGACACTCACCTGCAC
CGTCTCTGGATTCTCCCTCAGCAGCGTCGACATGACCTGGGTCCGCCAGGCTCCAGGGAAGGG
GCTGGAATGGATCGGAACCATTAGTACTCGTAGTAGCACATACTACGCGAGCTGGGCGAAAG
GCCGATTCACCATCTCCAAAAACCTCGACCACGGTGGATCTGAAAATCACCAGTCCGACAACCG
AGGACACGGCCACGTATTTCTGTGGCAGATTTCGGATTGCTGGTGATGGTGCCTTCTGGGGCC
CAGGCACGCTGGTCACCGTCTCCTCAGGGCAACCTAA

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GGAAGGCTGCGCTGGCTTTTCCTGGTCGCTGTGCTCAGAGGTGTCCAGTGTCAGTCGCTGGAG
GAGTCCGGGGGGTNGCCTGGTAACGCCTGGGACACCCCTGANANTCACCTGCACAGCCTTTGG
ATTTTCCCTCAGTAGCTGGTCAATGAGCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAATG
GATCGGAATGATTGGTATTGTTGGTAGTGGCACATAATANGCGACCTGGGCGAAAGGCCGAT
TCACCATTTCCAAAACCTTGTGACCACGGTCGATTTGAAAATGACCAGTTTGACAACCGAGGA
CACGGCCACCTATTTTTGTGTCAGAGGGGGTAGTTTTANTTTTGCTACCGCCTTGTGGGGCCCA
GGCACCCTGGTCACCGTNTCCTCAGGGCAACCTAA

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TTGCAGGCTGCGTGGTTTTCCTGGTCGCTGTGCTCAAAGGTGTCCAGTGTCAGTCGGTGGAGG
AGTCCGGGGGGTNGCCTGGTAACNCCTGGGACACCCCTGACANTTTTTTGCAAAGTNTTTGGAT
TTTCCCTCAGCAGNTACGANATGACCTGGGTCCGCCAGGCTCCAGGGAAGGGGCTGGAATGG
ATNGGAACCATTAGTANTTGTGTGTAATGGATAATACGCGACCTGGGCGAAAGGCCGATTCAC
CATTTCCAAAACCTTGACCACCGTGGATTTGAAAATCACCAGTCCGACAACCGAGGACACGG
CCAAGTATTTTTGTGGCAGATTTCGGATTGCTGGTGATGGTGCTTTTGGGGCCCGGGCACGCT
GGTCACCGTNTCCTCAGGGCAACCTAA

Fig. 1C